

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123726.D
 Acq On : 24 Apr 2021 19:56
 Operator : JU/CG
 Sample : M2149-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-9.5-10.0

Quant Time: Apr 26 03:01:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

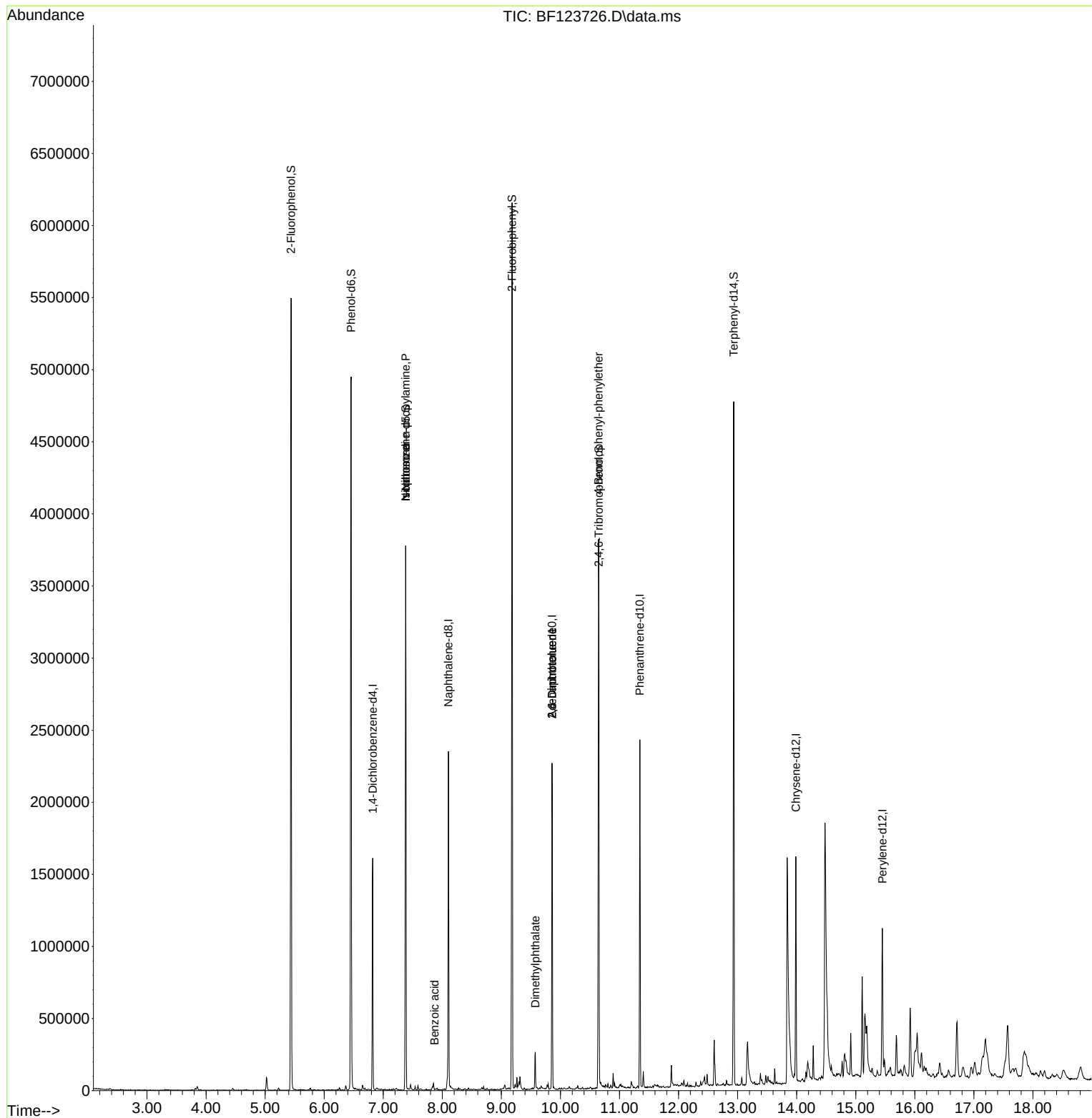
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	217780	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	827223	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	414024	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	777989	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	496475	20.00	ng	-0.04
86) Perylene-d12	15.451	264	459280	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1227366	91.09	ng	-0.02
7) Phenol-d6	6.457	99	1593495	85.34	ng	-0.02
23) Nitrobenzene-d5	7.381	82	1123970	62.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	435084	92.80	ng	-0.02
45) 2-Fluorobiphenyl	9.181	172	1624487	58.49	ng	-0.02
79) Terphenyl-d14	12.933	244	1406043	55.04	ng	-0.03
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.381	70	152641	12.34	ng	# 76
25) Isophorone	7.381	82	1123944	32.20	ng	# 69
32) Benzoic acid	7.869	122	141	4.56	ng	# 1
50) Dimethylphthalate	9.575	163	89083	3.11	ng	96
51) 2,6-Dinitrotoluene	9.857	165	53917	8.59	ng	# 11
57) 2,4-Dinitrotoluene	9.857	165	53917	6.43	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	24938	3.07	ng	# 1
89) Benzo(k)fluoranthene	15.045	252	419	Below Cal		# 1
92) Benzo(g,h,i)perylene	17.362	276	123	Below Cal		# 56

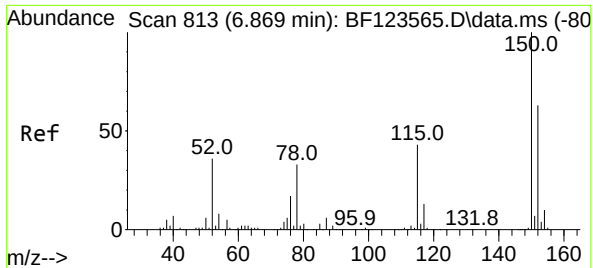
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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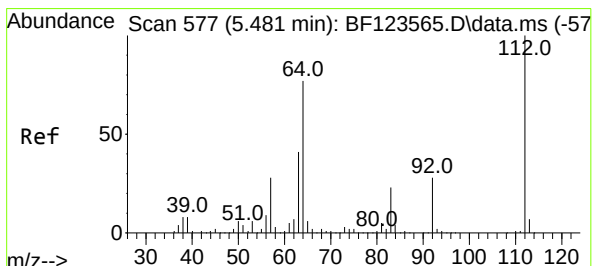
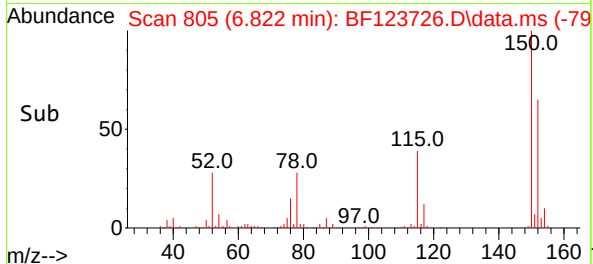
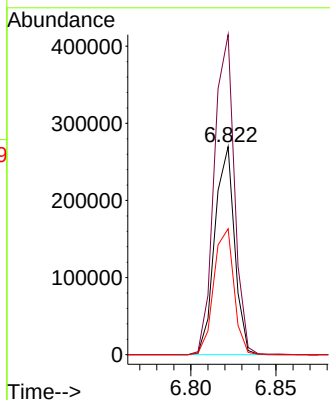
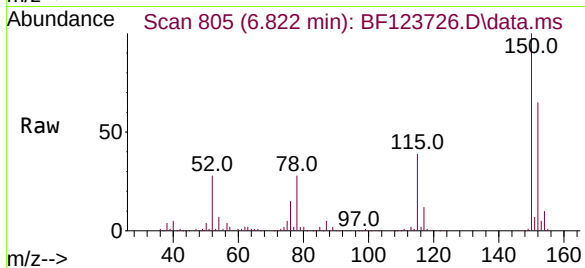




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

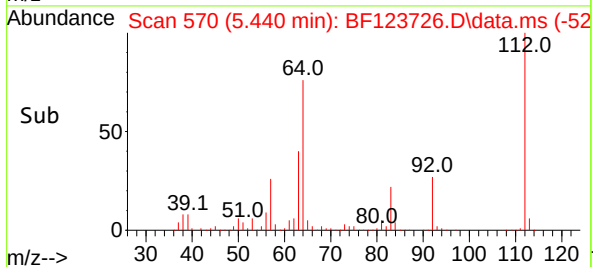
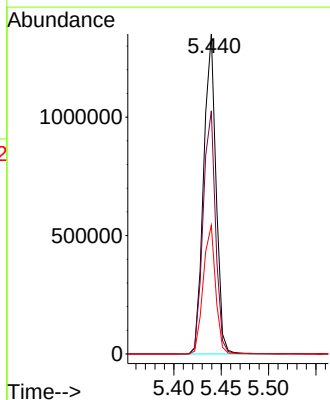
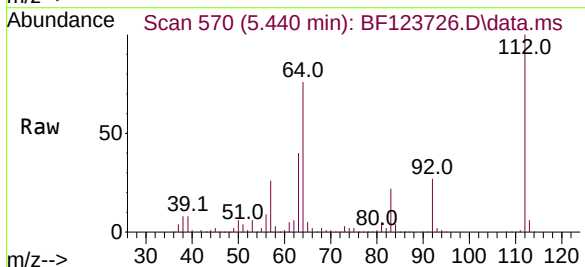
Instrument :
BNA_F
ClientSampleId :
SB-37-9.5-10.0

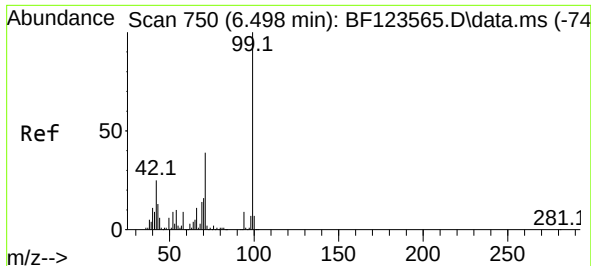
Tgt Ion:152 Resp: 217780
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 60.6 54.3 81.5



#5
2-Fluorophenol
Concen: 91.09 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Tgt Ion:112 Resp: 1227366
Ion Ratio Lower Upper
112 100
64 76.0 61.4 92.0
63 40.2 33.0 49.4

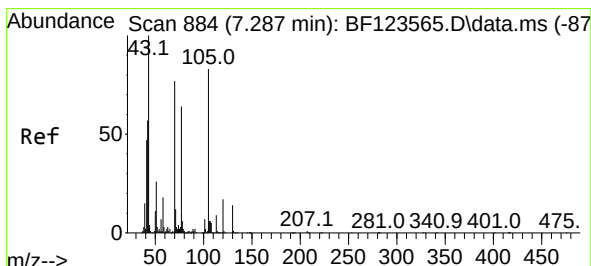
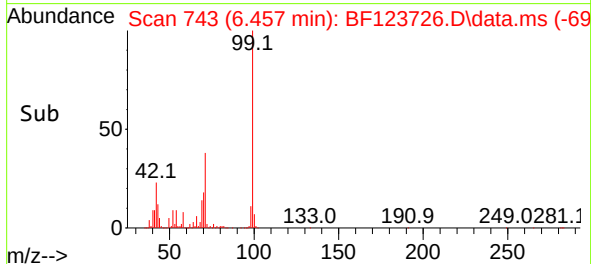
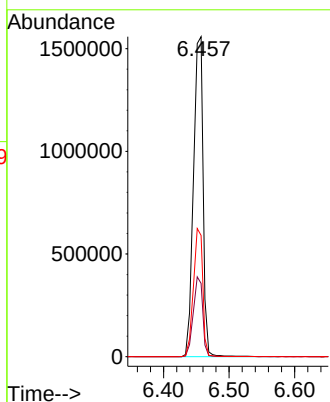
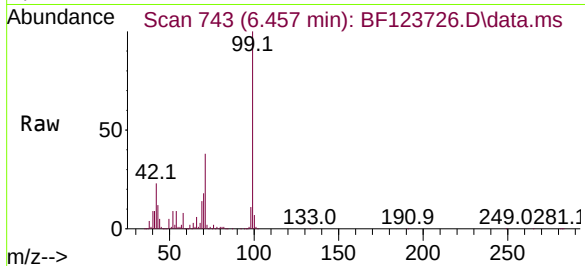




#7
Phenol-d6
Concen: 85.34 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

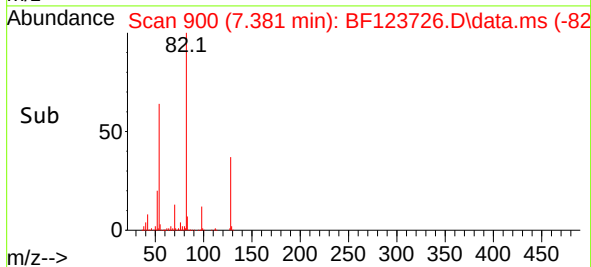
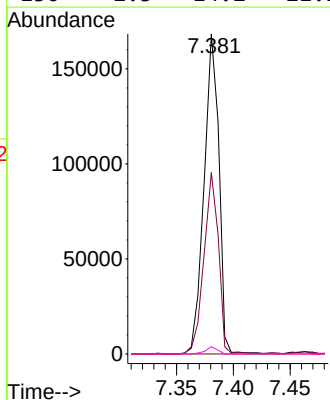
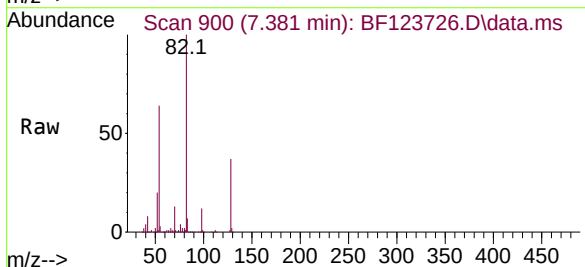
Instrument :
BNA_F
ClientSampleId :
SB-37-9.5-10.0

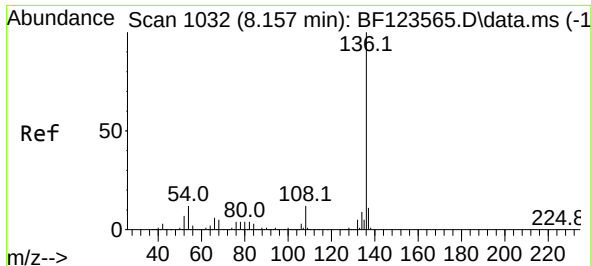
Tgt Ion: 99 Resp: 1593495
Ion Ratio Lower Upper
99 100
42 22.9 19.8 29.8
71 37.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.34 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.124 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Tgt Ion: 70 Resp: 152641
Ion Ratio Lower Upper
70 100
42 56.7 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#

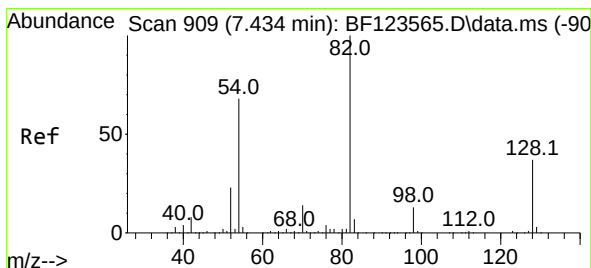
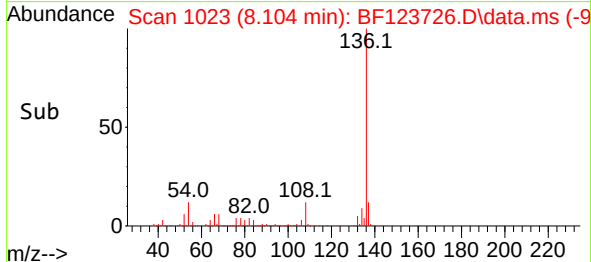
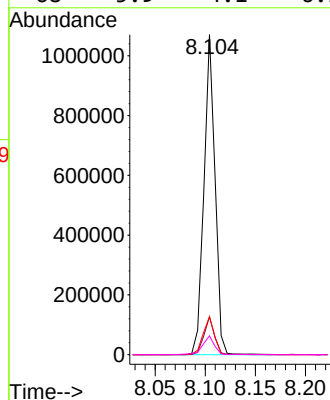
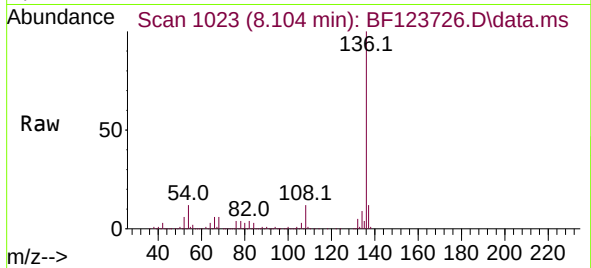




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.023 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

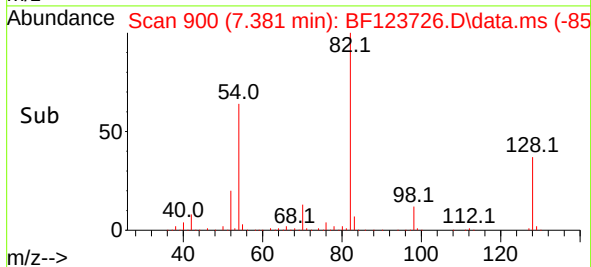
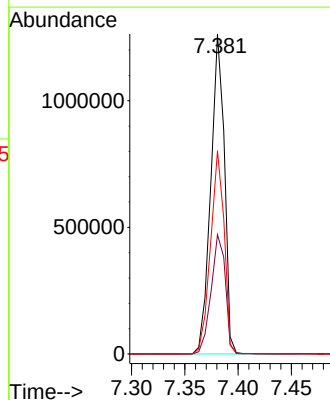
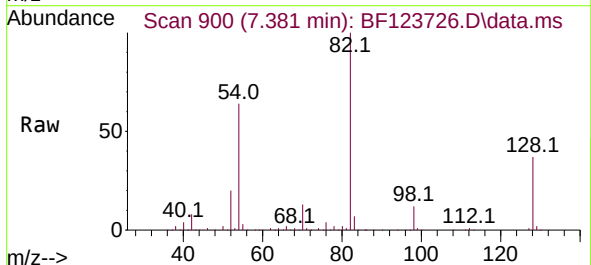
Instrument :
BNA_F
ClientSampleId :
SB-37-9.5-10.0

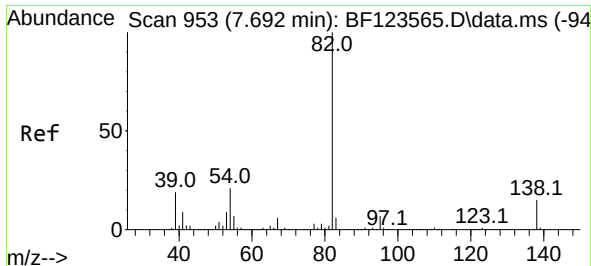
Tgt Ion:136	Resp: 827223
Ion Ratio	Lower Upper
136 100	
137 11.9	8.7 13.1
54 11.9	9.8 14.6
68 5.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 62.46 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.023 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Tgt Ion: 82		Resp: 1123970	
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.4	44.2
54	63.5	54.1	81.1

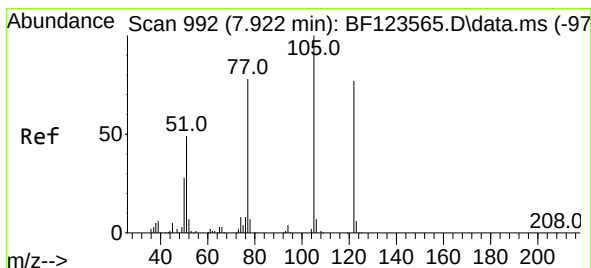
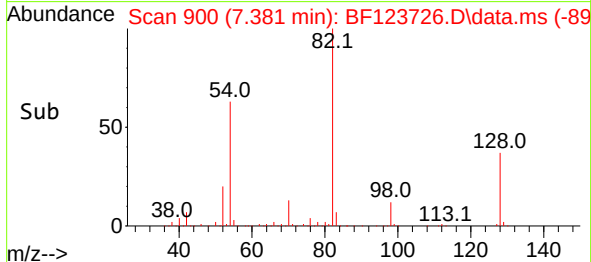
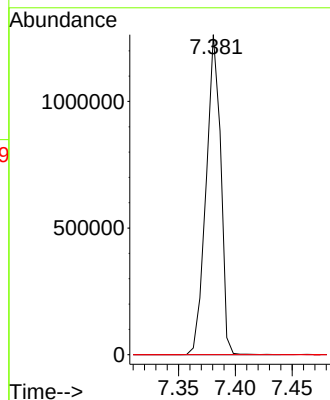
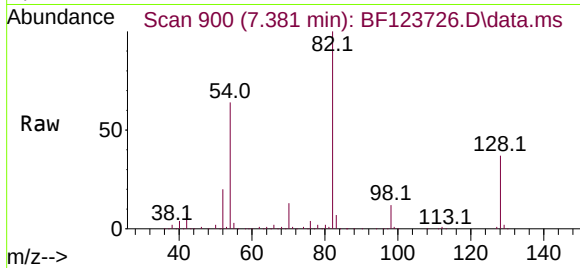




#25
Isophorone
Concen: 32.20 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.282 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

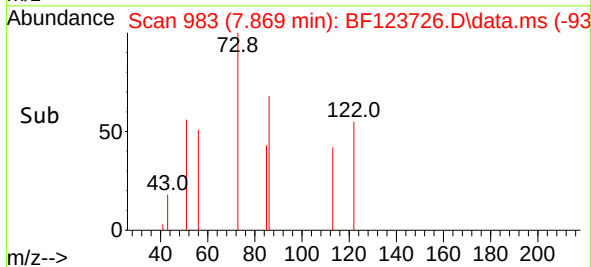
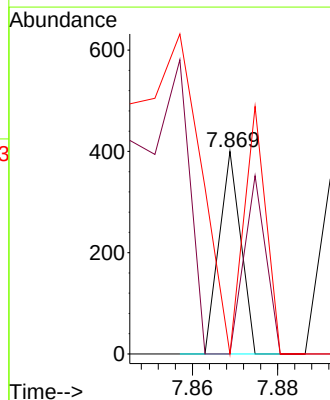
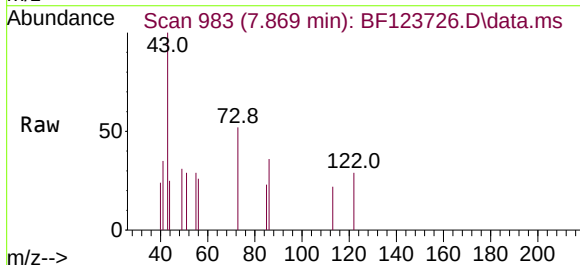
Instrument :
BNA_F
ClientSampleId :
SB-37-9.5-10.0

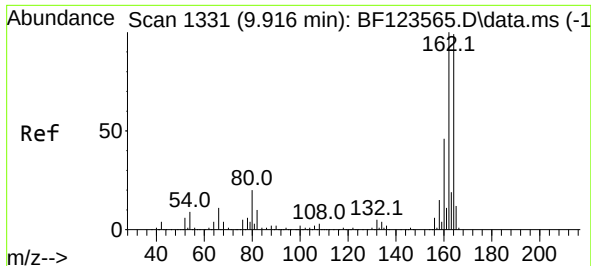
Tgt Ion: 82 Resp: 1123944
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.029 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Tgt Ion: 122 Resp: 141
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.029 min

Lab File: BF123726.D

Acq: 24 Apr 2021 19:56

Instrument :

BNA_F

ClientSampleId :

SB-37-9.5-10.0

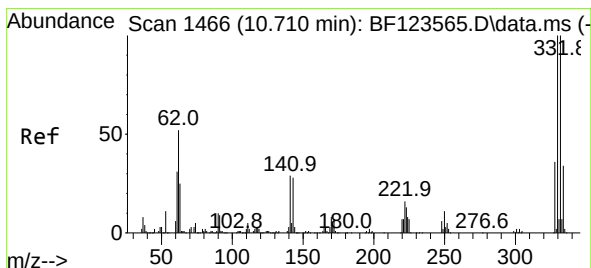
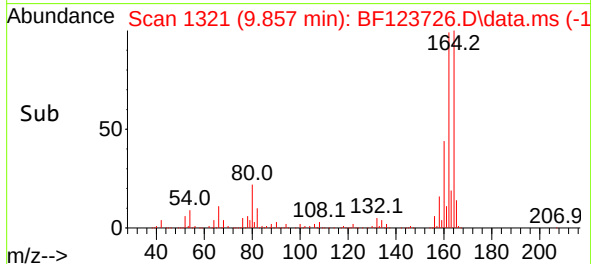
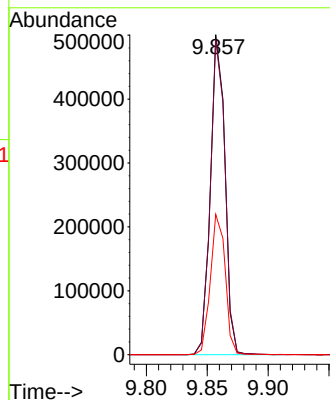
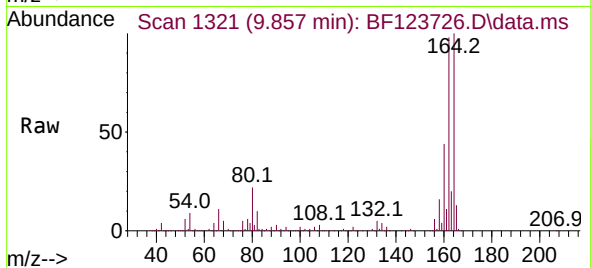
Tgt Ion:164 Resp: 414024

Ion Ratio Lower Upper

164 100

162 98.4 80.7 121.1

160 43.9 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 92.80 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.023 min

Lab File: BF123726.D

Acq: 24 Apr 2021 19:56

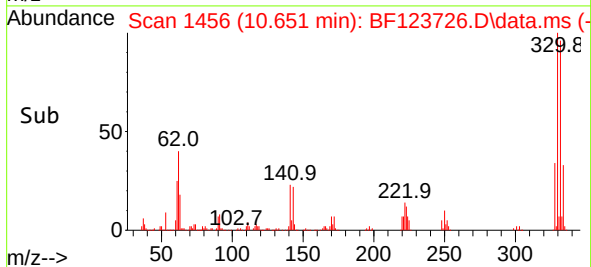
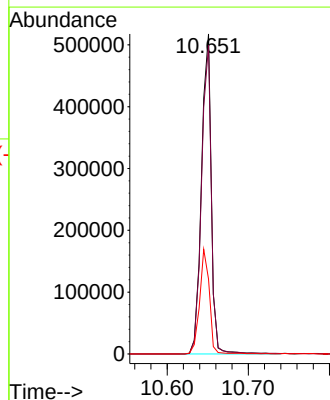
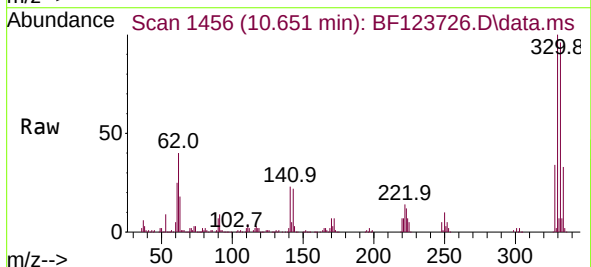
Tgt Ion:330 Resp: 435084

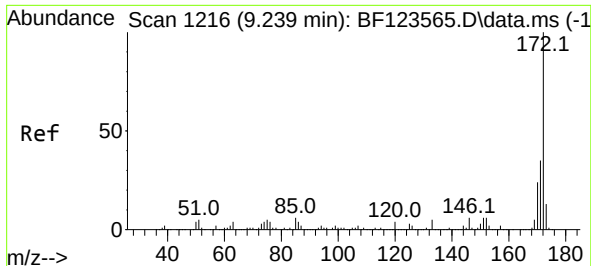
Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 32.7 27.9 41.9

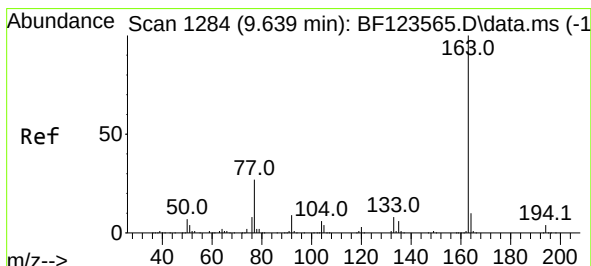
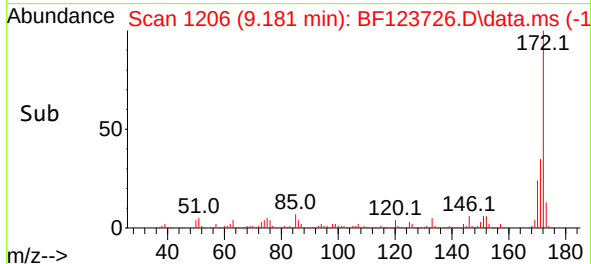
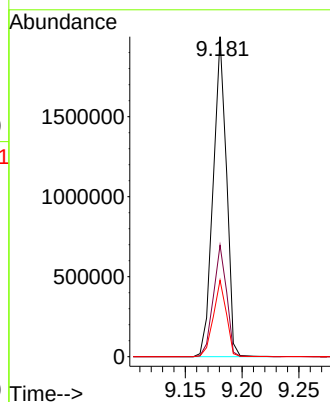
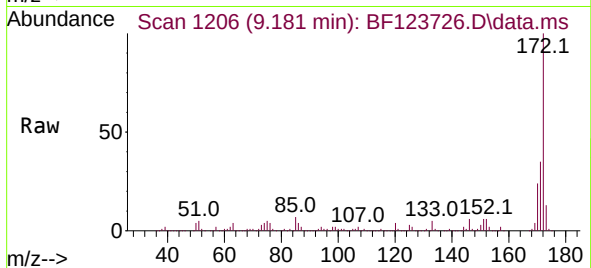




#45
2-Fluorobiphenyl
Concen: 58.49 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.023 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

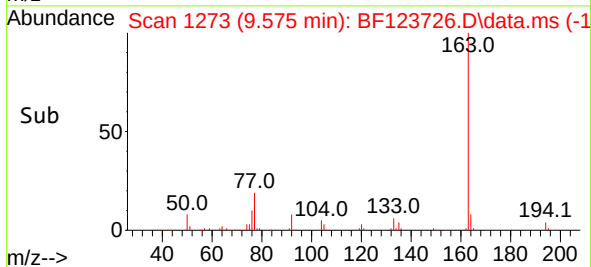
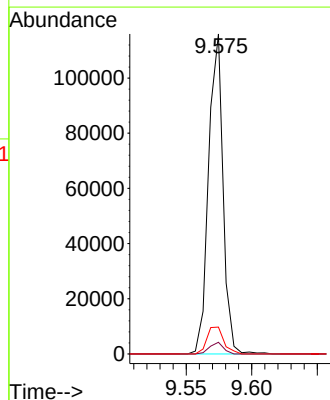
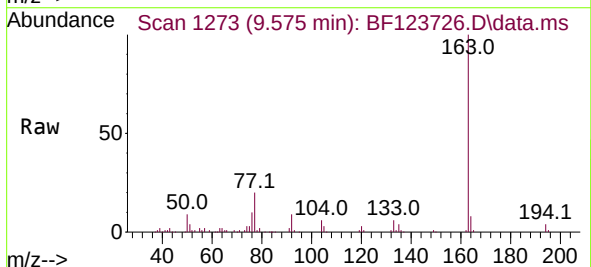
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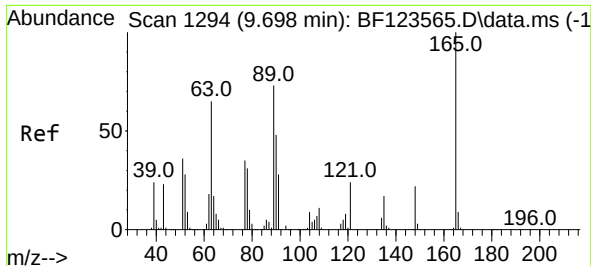
Tgt Ion:172 Resp: 1624487
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.9 19.2 28.8



#50
Dimethylphthalate
Concen: 3.11 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.035 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Tgt Ion:163 Resp: 89083
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 8.4 8.2 12.2

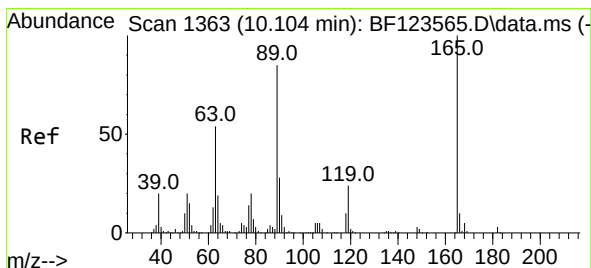
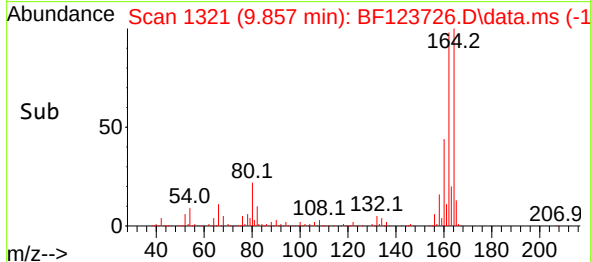
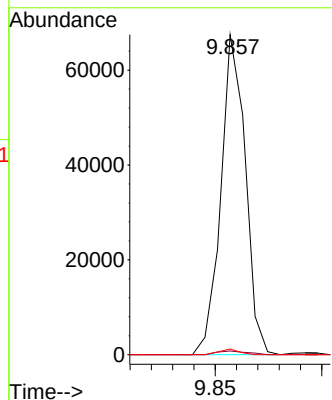
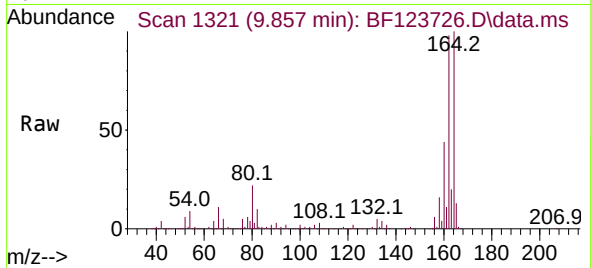




#51
2,6-Dinitrotoluene
Concen: 8.59 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

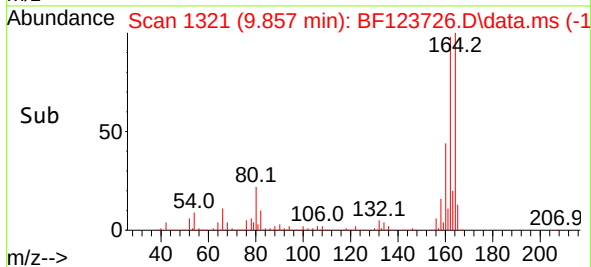
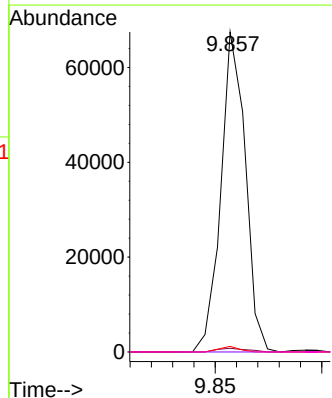
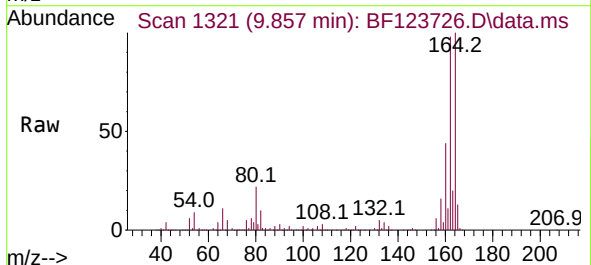
Instrument :
BNA_F
ClientSampleId :
SB-37-9.5-10.0

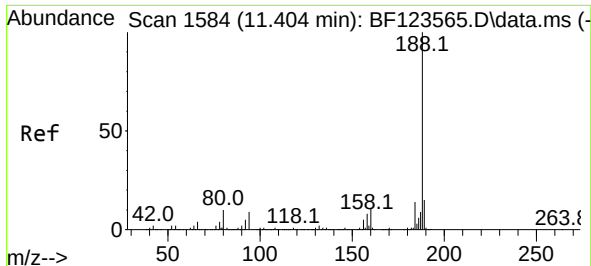
Tgt Ion:165 Resp: 53917
Ion Ratio Lower Upper
165 100
63 1.1 67.7 101.5#
89 1.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Tgt Ion:165 Resp: 53917
Ion Ratio Lower Upper
165 100
63 1.1 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#

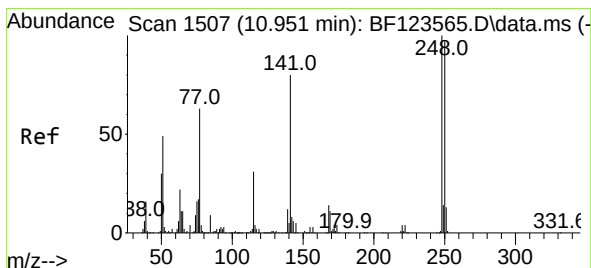
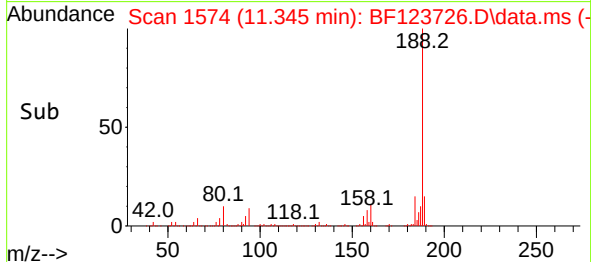
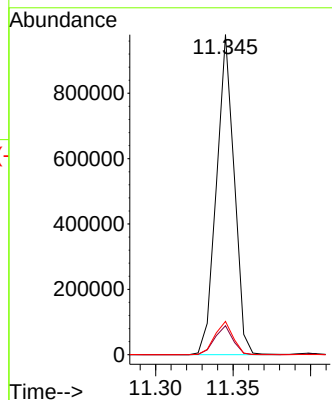
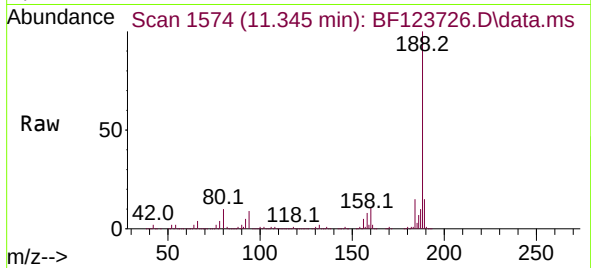




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

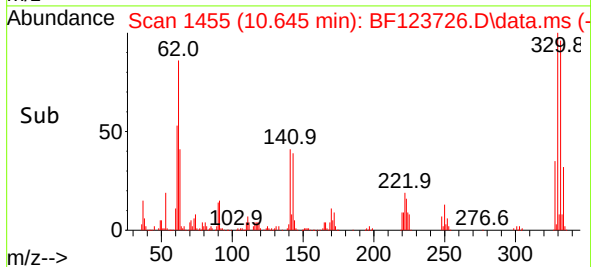
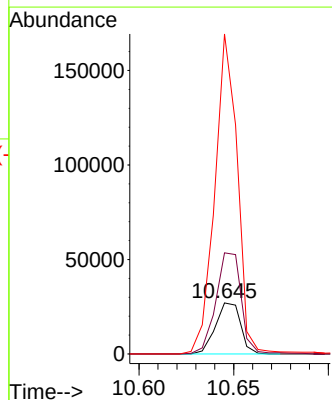
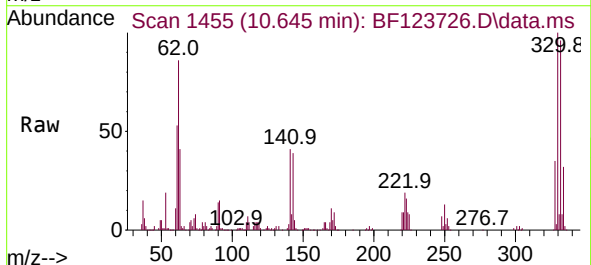
Instrument :
BNA_F
ClientSampleId :
SB-37-9.5-10.0

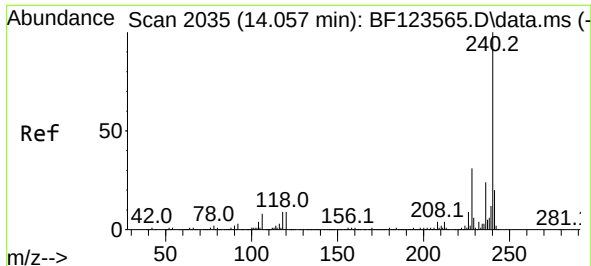
Tgt Ion:188 Resp: 777989
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.271 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Tgt Ion:248 Resp: 24938
Ion Ratio Lower Upper
248 100
250 198.1 77.4 116.2#
141 627.2 63.7 95.5#

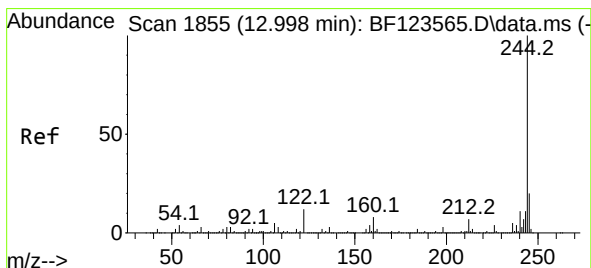
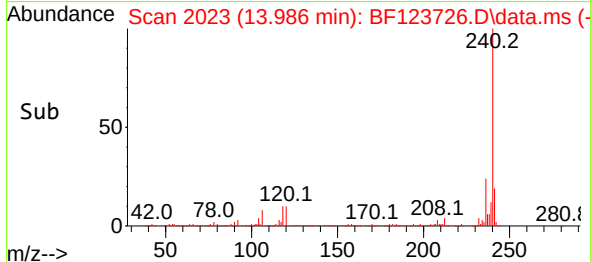
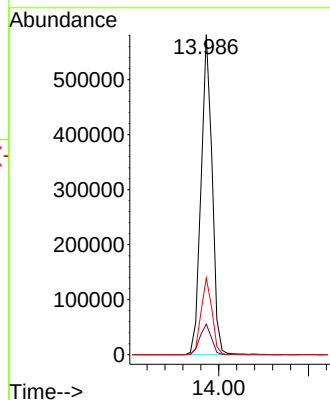
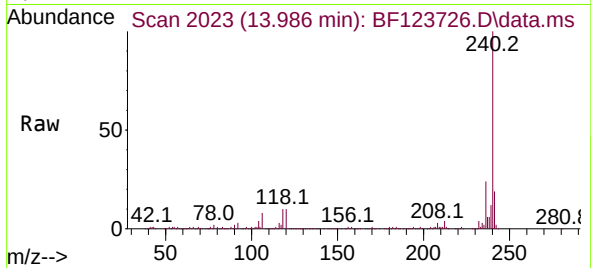




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

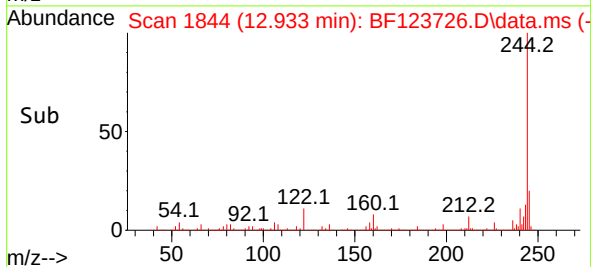
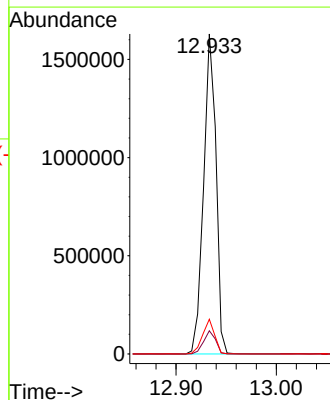
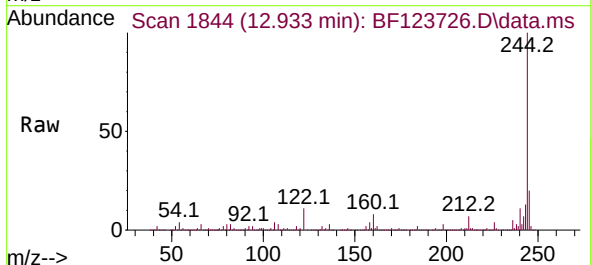
Instrument :
BNA_F
ClientSampleId :
SB-37-9.5-10.0

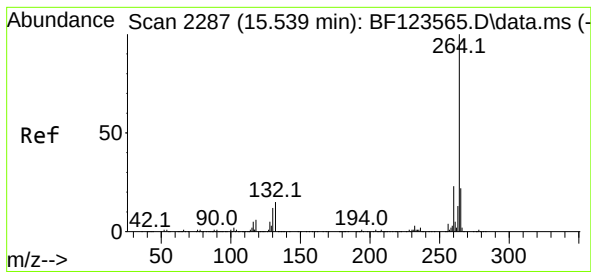
Tgt Ion:240 Resp: 496475
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 24.0 19.0 28.4



#79
Terphenyl-d14
Concen: 55.04 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.029 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Tgt Ion:244 Resp: 1406043
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.8 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.041 min
Lab File: BF123726.D
Acq: 24 Apr 2021 19:56

Instrument :
BNA_F
ClientSampleId :
SB-37-9.5-10.0

Tgt Ion:264 Resp: 459280

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.0	17.8	26.8

